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FEBRUARY 1950

# TRADE IN GRAIN FUTURES

U. S. DEPARTMENT OF AGRICULTURE  
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No. 8

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Key: a - asked price; b - bid price; n - nominal quotation

The open contract figures shown in this publication are the aggregates of positions long (or short) carried on the books of clearing members.

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Table 1. WHEAT: Volume of trading, all futures combined, by markets  
February 1950

Date	: Chicago : Board of : Trade	: Minneapolis : Grain : Exchange	: Kansas City : Board of : Trade	: Other : contract : Markets	: Total
1950	1,000	1,000	1,000	1,000	1,000
<u>February</u>	<u>bushels</u>	<u>bushels</u>	<u>bushels</u>	<u>bushels</u>	<u>bushels</u>
1	6,256	542	687	188	7,673
2	18,938	1,433	2,186	387	22,944
3	10,505	1,478	1,685	275	13,943
4	5,152	686	716	215	6,769
Sunday					
6	10,984	810	1,154	324	13,272
7	8,976	688	1,143	267	11,074
8	8,163	479	590	250	9,482
9	8,251	794	664	287	9,996
10	7,420	853	1,584	189	10,046
11	4,262	633	955	184	6,034
Sunday Holiday					
14	8,406	791	1,219	143	10,559
15	8,393	1,048	1,319	292	11,052
16	5,145	576	553	239	6,513
17	7,889	783	868	217	9,757
18	5,927	500	1,160	197	7,804
Sunday					
20	5,819	468	1,066	185	7,538
21	6,025	622	727	96	7,470
Holiday					
23	10,558	937	2,154	269	13,918
24	10,715	1,161	1,905	325	14,106
25	7,579	659	1,330	256	9,824
Sunday					
27	9,513	933	1,421	251	12,118
28	6,197	685	931	156	7,969
Total					
February 1950	181,073	17,559	26,037	5,192	229,861
January 1950	183,810	24,106	23,838	5,005	236,759
February 1949	325,599	41,471	67,810	10,468	445,348





Table 2. WHEAT: Volume of trading, Chicago Board of Trade  
February 1950

Date	Future						All futures
	March	May	July	September	December		
1950 February	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	1,551	3,481	912	283	29		6,256
2	4,072	10,655	2,987	1,076	148		18,938
3	2,251	6,317	1,355	477	105		10,505
4	1,090	3,026	739	231	66		5,152
Sunday							
6	1,994	6,534	1,810	505	141		10,984
7	2,610	4,578	1,365	392	31		8,976
8	2,264	4,288	1,298	267	46		8,163
9	1,248	4,653	1,460	395	495		8,251
10	1,338	3,803	1,730	420	129		7,420
11	540	2,017	1,195	289	221		4,262
Sunday Holiday							
14	1,897	4,333	1,781	348	47		8,406
15	1,645	4,244	1,999	392	113		8,393
16	725	2,164	1,291	827	138		5,145
17	1,830	3,558	2,205	282	14		7,889
18	874	2,843	1,682	461	67		5,927
Sunday							
20	915	3,473	1,216	131	84		5,819
21	1,522	2,898	1,263	256	86		6,025
Holiday							
23	1,901	5,637	2,252	678	90		10,558
24	1,661	6,010	2,626	323	95		10,715
25	793	4,011	1,882	604	289		7,579
Sunday							
27	1,286	4,223	2,904	823	277		9,513
28	1,230	2,860	1,320	423	344		6,197
<hr/>							
Total							
February 1950	35,237	95,626	37,272	9,883	3,055		181,073
January 1950	51,522	99,403	29,149	3,736	---		183,810
February 1949	---	197,794	84,201	25,529	18,075		325,599

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Table 3. WHEAT: Open contracts, all futures combined, by markets  
February 1950

Date	: Chicago : Board of : Trade	: Minneapolis : Grain : Exchange	: Kansas City : Board of : Trade	: Other : contract : markets	: Total
1950	1,000	1,000	1,000	1,000	1,000
February	bushels	bushels	bushels	bushels	bushels
1	52,207	8,073	12,188	1,224	73,692
2	51,207	8,074	12,022	1,201	72,504
3	51,449	8,026	12,048	1,216	72,739
4	51,253	8,006	12,089	1,246	72,594
Sunday					
6	51,227	7,991	12,044	1,214	72,476
7	51,661	7,877	12,140	1,247	72,925
8	50,868	7,786	12,073	1,252	71,979
9	51,272	7,762	12,155	1,263	72,452
10	51,649	7,692	12,188	1,276	72,805
11	52,048	7,518	12,162	1,297	73,025
Sunday					
Holiday					
14	51,983	7,564	12,307	1,267	73,141
15	51,261	7,413	12,596	1,270	72,540
16	51,733	7,380	12,628	1,291	73,032
17	51,498	7,222	12,410	1,317	72,447
18	50,803	7,186	12,033	1,313	71,335
Sunday					
20	50,891	7,130	12,093	1,267	71,381
21	51,139	7,052	11,960	1,262	71,413
Holiday					
23	50,165	6,941	12,012	1,274	70,392
24	49,557	6,808	12,159	1,219	69,743
25	49,219	6,736	12,319	1,233	69,507
Sunday					
27	49,116	6,815	12,470	1,239	69,640
28	48,763	6,662	12,389	1,243	69,077



Table 4. WHEAT: Open contracts, Chicago Board of Trade  
February 1950

Date	Future					All futures
	March	May	July	September	December	
1950 February	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	14,821	22,514	13,164	1,690	18	52,207
2	13,885	22,099	13,258	1,886	79	51,207
3	13,571	22,636	13,167	1,931	144	51,449
4	13,309	22,688	13,127	1,974	155	51,253
Sunday						
6	13,360	22,742	12,872	2,078	175	51,227
7	13,582	22,765	12,930	2,189	195	51,661
8	12,951	22,632	12,883	2,192	210	50,868
9	13,015	22,501	12,833	2,256	367	51,272
10	13,117	22,325	13,054	2,390	763	51,649
11	13,165	22,397	13,254	2,366	866	52,048
Sunday Holiday						
14	13,126	22,538	13,060	2,383	876	51,983
15	12,921	21,859	13,127	2,414	940	51,261
16	12,043	21,850	13,390	2,840	1,010	51,733
17	12,320	21,444	13,796	2,926	1,012	51,498
18	12,168	20,921	13,610	3,059	1,045	50,803
Sunday						
20	12,023	21,050	13,675	3,084	1,059	50,891
21	11,485	21,501	13,850	3,205	1,098	51,139
Holiday						
23	10,832	21,256	13,499	3,446	1,132	50,165
24	10,516	21,074	13,340	3,479	1,148	49,557
25	10,206	20,859	13,400	3,484	1,270	49,219
Sunday						
27	10,012	21,014	13,246	3,444	1,400	49,116
28	9,628	21,034	13,054	3,462	1,585	48,763





Table 5. WHEAT: Daily closing prices at Chicago, Minneapolis and Kansas City  
February 1950

Date	1950 May future		
	Chicago	Minneapolis	Kansas City
	Board of	Grain	Board of
	Trade	Exchange	Trade
1950 February	Cents	Cents	Cents
1	208 3/4-09	212 3/8	205 1/4-3/8
2	205-05 1/4	209 5/8	201 1/4-3/8
3	206 1/8-1/4	211 3/8	203
4	205 5/8-3/4	210 7/8	202 7/8
Sunday			
6	206 3/4-7/8	211 3/8	202 7/8-04
7	206-06 1/8	210 7/8	203 1/4-1/2
8	205 3/4-7/8	211 1/4 a	203
9	208-08 1/8	213	204 3/4
10	208 1/8-1/4	213 5/8	205 1/4-3/8
11	207 1/2	213 a	204 3/4
Sunday			
Holiday			
14	209 1/8-1/4	214 5/8 a	205 7/8
15	208 1/2-5/8	214 5/8	205 1/2
16	208 3/8-1/2	214 7/8	205 1/8
17	209 5/8-3/4	216	206 3/8
18	210-10 1/8	216 3/4 b	206 1/4
Sunday			
20	210 1/8-1/4	216 1/4	206 1/4
21	210 1/2-5/8	216 1/2	206 3/4
Holiday			
23	213 1/4-3/8	218 3/4	208 1/2-5/8
24	213-13 1/8	218 1/2	208 7/8-09
25	214 1/2-3/4	219 1/8	210
Sunday			
27	213 1/4-3/8	218 1/4	209
28	213 1/4	219 1/4	209 1/4

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.

Fig. 1.  $\Delta T$  vs.  $\Delta T_{\text{max}}$ .

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1. The first group of people who are interested in the study of the history of the world are the historians. They are people who study the past and try to understand what happened and why it happened. They use a variety of sources, including books, documents, and artifacts, to reconstruct the past. They also try to understand the people who lived in the past and how they thought and felt. Historians are interested in the past for a variety of reasons. Some are interested in the past because they want to know what happened and why it happened. Others are interested in the past because they want to understand the people who lived in the past and how they thought and felt. Still others are interested in the past because they want to learn from the mistakes of the past and avoid them in the future.

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1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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Table 7. CORN: Volume of trading, all futures combined, by markets  
February 1950

Date	: Chicago : Board of : Trade	: Kansas City : Board of : Trade	: Other : contract : markets	: : :	Total
1950	1,000	1,000	1,000		1,000
February	bushels	bushels	bushels		bushels
1	3,422	---	39		3,461
2	11,527	---	101		11,628
3	6,573	---	119		6,692
4	3,263	---	41		3,309
Sunday					
6	7,889	---	105		7,994
7	4,659	---	51		4,710
8	4,219	---	70		4,289
9	4,929	---	112		5,041
10	4,890	---	67		4,957
11	2,525	---	42		2,567
Sunday					
Holiday					
14	4,614	---	84		4,698
15	5,004	---	71		5,075
16	3,667	---	53		3,720
17	2,629	---	88		2,917
18	4,102	---	45		4,147
Sunday					
20	2,582	---	38		2,620
21	4,061	---	53		4,114
Holiday					
23	4,954	---	62		5,036
24	4,659	---	73		4,732
25	4,126	---	34		4,160
Sunday					
27	4,383	---	17		4,400
28	2,919	---	26		2,945
Total					
February 1950	101,801	---	1,411		103,212
January 1950	151,461	---	2,077		153,538
February 1949	387,178	140	7,440		394,758

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Table 8. CORN: Volume of trading, Chicago Board of Trade  
February 1950

Date	Future						All futures
	March	May	July	September	December		
1950 February	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	172	2,299	637	157	157		3,422
2	629	7,329	2,689	546	334		11,527
3	465	3,765	1,606	438	299		6,573
4	90	2,283	678	205	12		3,268
Sunday							
6	564	4,643	1,689	461	532		7,889
7	161	3,332	880	130	156		4,659
8	180	2,694	1,040	175	130		4,219
9	300	3,037	1,226	273	93		4,929
10	185	2,926	1,274	324	181		4,890
11	84	1,750	527	114	50		2,525
Sunday							
Holiday							
14	260	2,909	1,245	131	69		4,614
15	148	3,362	1,085	222	187		5,004
16	125	2,320	1,025	125	72		3,667
17	65	2,014	700	43	7		2,829
18	162	2,466	980	228	266		4,102
Sunday							
20	112	1,669	520	198	83		2,582
21	188	1,977	1,078	169	649		4,061
Holiday							
23	177	3,415	1,073	190	99		4,954
24	283	2,615	1,472	164	125		4,659
25	195	2,004	1,287	538	102		4,126
Sunday							
27	70	2,579	1,119	449	166		4,383
28	413	1,635	576	237	58		2,919
<hr/>							
Total							
February 1950	5,028	63,023	24,406	5,517	3,827		101,801
January 1950	9,648	97,383	34,421	7,090	2,919		151,461
February 1949	---	244,880	103,159	25,075	14,064		387,178





Table 9. CORN: Open contracts, all futures combined, by markets  
February 1950

Date	: Chicago : Board of : Trade	: Kansas City : Board of : Trade	: Other : contract : markets	: : Total :
1950 February	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	60,066	5	317	60,388
2	59,512	5	302	59,819
3	59,065	5	291	59,361
4	58,976	5	297	59,280
Sunday				
6	59,256	5	307	59,570
7	59,277	5	301	59,583
8	58,739	5	297	59,041
9	58,556	5	317	58,878
10	58,471	5	315	58,791
11	58,512	5	323	58,840
Sunday				
Holiday				
14	58,722	5	297	59,024
15	58,328	5	304	58,637
16	58,457	5	311	58,773
17	58,273	5	327	58,605
18	58,313	5	317	58,635
Sunday				
20	58,445	5	318	58,768
21	58,660	5	308	58,973
Holiday				
23	58,441	5	292	58,738
24	58,123	5	283	58,411
25	58,530	5	279	58,814
Sunday				
27	58,647	5	282	58,934
28	58,875	5	281	59,161





Table 10. CORN: Open contracts, Chicago Board of Trade  
February 1950

Date	Future						All futures
	March	May	July	September	December		
1950	1,000	1,000	1,000	1,000	1,000	1,000	
February	bushels	bushels	bushels	bushels	bushels	bushels	bushels
1	3,354	30,184	21,521	3,464	1,543	60,066	
2	3,199	29,551	21,473	3,534	1,755	59,512	
3	3,047	29,344	21,378	3,457	1,859	59,085	
4	3,031	29,106	21,463	3,507	1,871	58,978	
Sunday							
6	2,932	29,180	21,553	3,512	2,081	59,258	
7	2,896	29,027	21,767	3,501	2,086	59,277	
8	2,900	28,655	21,585	3,478	2,121	58,739	
9	2,868	28,524	21,538	3,488	2,138	58,556	
10	2,650	28,246	21,565	3,659	2,151	58,471	
11	2,844	28,182	21,654	3,692	2,140	58,512	
Sunday							
Holiday							
14	2,811	28,408	21,676	3,684	2,143	58,722	
15	2,771	27,912	21,665	3,815	2,165	58,328	
16	2,757	27,743	21,958	3,847	2,152	58,457	
17	2,732	27,538	21,996	3,853	2,154	58,273	
18	2,639	27,315	22,144	3,945	2,270	58,313	
Sunday							
20	2,622	27,305	22,176	4,019	2,323	58,445	
21	2,587	27,272	22,287	4,096	2,418	58,660	
Holiday							
23	2,550	27,013	22,313	4,124	2,441	58,441	
24	2,386	26,545	22,575	4,165	2,452	58,123	
25	2,322	26,663	22,691	4,373	2,481	58,530	
Sunday							
27	2,297	26,758	22,617	4,463	2,512	58,647	
28	2,406	26,915	22,533	4,486	2,535	58,875	

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Table 11. CORN: Daily closing prices at Chicago and Kansas City  
February 1950

Date	1950 May future	
	Chicago	Kansas City
	Board of	Board of
	Trade	Trade
1950 February	Cents	Cents
1	126 $1/8-1/4$	125 n
2	124 $1/2-3/4$	125 n
3	125 $5/8-3/4$	125 n
4	124 $7/8-25$	125 n
Sunday		
6	125 $7/8-26$	125 n
7	125 $3/8-1/2$	125 n
8	125 $1/8-1/4$	125 n
9	126 $3/8-1/2$	125 n
10	127 $1/4-3/8$	125 n
11	126 $5/8-3/4$	125 n
Sunday Holiday		
14	128-28 $1/8$	125 n
15	127 $5/8-3/4$	125 n
16	127 $5/8-3/4$	125 n
17	127 $5/8-3/4$	125 n
18	128-26 $1/8$	125 n
Sunday		
20	127 $5/8-3/4$	125 n
21	128 $1/2-5/8$	125 n
Holiday		
23	129 $1/8-1/4$	125 n
24	128 $1/2-5/8$	125 n
25	129 $3/8-1/2$	125 n
Sunday		
27	129	125 n
28	128 $5/8$	125 n









Table 13. OATS: Volume of trading, all futures combined, by markets  
February 1950

Date	: Chicago : Board of : Trade	: Minneapolis : Grain : Exchange	: Other : contract : markets	: : :	Total
1950	1,000	1,000	1,000		1,000
February	bushels	bushels	bushels		bushels
1	1,595	115	2		1,712
2	3,026	210	50		3,286
3	1,865	74	37		1,976
4	785	107	12		904
Sunday					
6	1,952	192	18		2,162
7	2,028	147	39		2,214
8	1,061	101	13		1,175
9	1,051	157	10		1,218
10	1,099	52	12		1,163
11	1,006	125	15		1,146
Sunday					
Holiday					
14	1,332	90	16		1,438
15	1,620	191	12		1,823
16	1,045	141	18		1,204
17	1,456	94	6		1,556
18	2,382	319	23		2,724
Sunday					
20	1,460	92	9		1,561
21	1,678	116	5		1,799
Holiday					
23	2,166	222	16		2,404
24	1,690	333	28		2,051
25	757	71	24		852
Sunday					
27	908	102	5		1,015
28	676	37	6		719
Total					
February 1950	32,638	3,088	376		36,102
January 1950	42,395	6,125	432		48,952
February 1949	99,255	13,071	1,307		113,633

TABLE 1. - SUMMARY OF DATA FOR THE YEAR 1964				
STATION	DATE	TIME	WIND DIRECTION	WIND VELOCITY
1004.1	10/1/64	0000	090	10
1004.1	10/1/64	0100	090	10
1004.1	10/1/64	0200	090	10
1004.1	10/1/64	0300	090	10
1004.1	10/1/64	0400	090	10
1004.1	10/1/64	0500	090	10
1004.1	10/1/64	0600	090	10
1004.1	10/1/64	0700	090	10
1004.1	10/1/64	0800	090	10
1004.1	10/1/64	0900	090	10
1004.1	10/1/64	1000	090	10
1004.1	10/1/64	1100	090	10
1004.1	10/1/64	1200	090	10
1004.1	10/1/64	1300	090	10
1004.1	10/1/64	1400	090	10
1004.1	10/1/64	1500	090	10
1004.1	10/1/64	1600	090	10
1004.1	10/1/64	1700	090	10
1004.1	10/1/64	1800	090	10
1004.1	10/1/64	1900	090	10
1004.1	10/1/64	2000	090	10
1004.1	10/1/64	2100	090	10
1004.1	10/1/64	2200	090	10
1004.1	10/1/64	2300	090	10
1004.1	10/2/64	0000	090	10
1004.1	10/2/64	0100	090	10
1004.1	10/2/64	0200	090	10
1004.1	10/2/64	0300	090	10
1004.1	10/2/64	0400	090	10
1004.1	10/2/64	0500	090	10
1004.1	10/2/64	0600	090	10
1004.1	10/2/64	0700	090	10
1004.1	10/2/64	0800	090	10
1004.1	10/2/64	0900	090	10
1004.1	10/2/64	1000	090	10
1004.1	10/2/64	1100	090	10
1004.1	10/2/64	1200	090	10
1004.1	10/2/64	1300	090	10
1004.1	10/2/64	1400	090	10
1004.1	10/2/64	1500	090	10
1004.1	10/2/64	1600	090	10
1004.1	10/2/64	1700	090	10
1004.1	10/2/64	1800	090	10
1004.1	10/2/64	1900	090	10
1004.1	10/2/64	2000	090	10
1004.1	10/2/64	2100	090	10
1004.1	10/2/64	2200	090	10
1004.1	10/2/64	2300	090	10



Table 14. OATS: Volume of trading, Chicago Board of Trade  
February 1950

Date	Future						All futures
	March	May	July	September	December		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1950 February							
1	45	1,216	252	82	---		1,595
2	25	2,133	693	175	---		3,026
3	75	1,242	504	44	---		1,865
4	10	583	168	24	---		785
Sunday							
6	---	1,385	510	57	---		1,952
7	---	1,533	448	47	---		2,028
8	15	717	302	22	5		1,061
9	17	838	191	5	---		1,051
10	---	966	123	10	---		1,099
11	10	774	192	30	---		1,006
Sunday							
Holiday							
14	35	986	306	5	---		1,332
15	45	1,246	260	69	---		1,620
16	15	748	271	2	9		1,045
17	---	1,084	345	22	5		1,456
18	41	1,812	356	173	---		2,382
Sunday							
20	10	1,171	238	35	6		1,460
21	---	1,564	114	---	---		1,678
Holiday							
23	---	1,725	357	82	2		2,166
24	10	1,366	272	42	---		1,690
25	---	603	154	---	---		757
Sunday							
27	36	597	210	60	5		908
28	---	386	238	2	---		676
Total							
February 1950	389	24,675	6,554	988	32		32,638
January 1950	418	31,835	9,353	702	87		42,395
February 1949	---	69,165	18,880	7,422	3,788		99,255

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

Table 15. OATS: Open contracts, all futures combined, by markets  
February 1950

Date	Chicago Board of Trade	Minneapolis Grain Exchange	Other contract markets	Total
1950 February	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	20,804	2,765	200	23,769
2	20,778	2,734	196	23,708
3	20,588	2,729	204	23,521
4	20,659	2,715	204	23,578
Sunday				
6	20,522	2,710	206	23,438
7	20,575	2,681	195	23,451
8	20,543	2,679	182	23,404
9	20,482	2,717	184	23,383
10	20,274	2,713	186	23,173
11	19,886	2,693	191	22,770
Sunday Holiday				
14	19,556	2,692	187	22,435
15	19,397	2,652	185	22,234
16	19,254	2,661	179	22,094
17	18,805	2,640	177	21,622
18	18,464	2,461	175	21,100
Sunday				
20	18,385	2,433	178	20,996
21	18,546	2,389	183	21,118
Holiday				
23	18,175	2,320	187	20,682
24	18,148	2,196	189	20,533
25	18,159	2,195	183	20,537
Sunday				
27	18,208	2,235	183	20,626
28	18,115	2,227	183	20,525



Table 16. OATS: Open contracts, Chicago Board of Trade  
February 1950

Date	Future						All futures
	March	May	July	September	December		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1950 February							
1	349	15,391	4,590	417	57	20,804	
2	349	15,152	4,701	519	57	20,778	
3	319	15,050	4,651	511	57	20,588	
4	319	15,082	4,682	519	57	20,659	
Sunday							
6	319	14,964	4,651	531	57	20,522	
7	319	14,996	4,667	536	57	20,575	
8	319	15,047	4,584	536	57	20,543	
9	326	14,981	4,582	536	57	20,482	
10	326	14,778	4,577	536	57	20,274	
11	316	14,396	4,566	551	57	19,886	
Sunday							
Holiday							
14	301	14,186	4,461	551	57	19,556	
15	346	13,996	4,494	504	57	19,397	
16	336	13,834	4,519	506	59	19,254	
17	336	13,424	4,470	521	54	18,805	
18	341	13,053	4,434	582	54	18,464	
Sunday							
20	341	12,945	4,444	601	54	18,385	
21	341	13,071	4,479	601	54	18,546	
Holiday							
23	341	12,584	4,578	616	56	18,175	
24	331	12,547	4,573	641	56	18,148	
25	331	12,515	4,616	641	56	18,159	
Sunday							
27	322	12,490	4,669	671	56	18,208	
28	322	12,427	4,639	671	56	18,115	





Table 17. OATS: Daily closing prices, Chicago, Minneapolis and Winnipeg; and rate of exchange, Canadian Currency February 1950

Date	1950 May future			Canadian Currency	
	Chicago	Minneapolis	Winnipeg		
	Board of Trade	Grain Exchange	Grain Exchange	Closing Quotation <sup>2/</sup>	
1950					
February	Cents	Cents	Cents 1/	Percent	
1	: 68-68 1/8	62 1/8 b	70 1/2 b	: 10 3/16	discount
2	: 66 3/4-7/8	61 1/4	70	: 10 1/4	"
3	: 67 3/8-1/2	61 5/8 b	70 3/8 b	: 10 3/16	"
4	: 67-67 1/8	61 3/8 b	---	: ---	"
Sunday	:			:	
6	: 67 3/8-1/2	61 1/2	70 5/8 b	: 10 3/16	"
7	: 67 5/8-3/4	62 a	70 7/8	: 10 1/8	"
8	: 67 7/8	62 1/4 b	71 1/4	: 10 1/8	"
9	: 68 3/8-1/2	62 7/8	71 1/2	: 10 1/16	"
10	: 68 1/2-3/4	62 5/8 b	71 7/8	: 10 1/8	"
11	: 68 3/8-1/2	62 1/2	---	: ---	"
Sunday	:			:	
Holiday	:			:	
14	: 69 1/8	63 1/8 b	72 1/8	: 10 1/16	"
15	: 69 1/2 a	63 5/8 b	72 1/4 b	: 10	"
16	: 69 1/4-3/8	63 3/4	72 1/8	: 9 15/16	"
17	: 70 a	64 1/8	72 3/8 b	: 9 15/16	"
18	: 70 5/8	64 3/4 b	---	: ---	"
Sunday	:			:	
20	: 70 1/2-5/8	64 5/8	73 3/4	: 10	"
21	: 70 1/4-3/8	64 3/8 a	73 1/2	: 9 7/8	"
Holiday	:			:	
23	: 71 1/8	65 1/4	75 3/8	: 9 15/16	"
24	: 70 1/2-5/8	64 3/8 b	74 3/8 b	: 10 1/16	"
25	: 70 7/8	64 7/8 b	---	: ---	"
Sunday	:			:	
27	: 70 1/2	64 1/2 b	75	: 9 15/16	"
28	: 70 1/4-3/8	64 1/2	74 7/8	: 9 7/8	"
	:			:	

<sup>1/</sup> Quotations converted into U. S. Currency.

<sup>2/</sup> Basis for converting closing prices on foreign markets into U. S. Value.

NOTE: Canadian currency quotations furnished by a large Chicago bank. Exchange rate not available on Saturdays or on February 13 and 22, Chicago banks closed.

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Table 19. RYE: Volume of trading, all futures combined, by markets  
February 1950

Date	: Chicago : Board of : Trade	: Minneapolis : Grain : Exchange	: Other : contract : markets	: : :	Total
1950 February	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels
1	1,881	33	5		1,919
2	5,964	204	5		6,173
3	3,862	145	8		4,015
4	2,156	16	21		2,193
Sunday					
6	4,353	110	9		4,472
7	2,842	66	1		2,909
8	2,165	49	5		2,219
9	2,156	38	---		2,194
10	2,706	74	10		2,790
11	1,465	65	---		1,530
Sunday					
Holiday					
14	1,784	38	---		1,822
15	2,753	38	---		2,791
16	1,243	54	10		1,307
17	1,475	23	---		1,498
18	1,402	23	---		1,425
Sunday					
20	1,815	33	---		1,848
21	1,464	49	12		1,525
Holiday					
23	1,486	84	---		1,570
24	1,930	67	2		1,999
25	1,342	27	8		1,377
Sunday					
27	1,675	65	6		1,746
28	795	82	2		879
Total					
February 1950	48,714	1,383	104		50,201
January 1950	44,945	1,802	77		46,824
February 1949	10,139	2,544	35		12,718



Table 20. RYE: Volume of trading, Chicago Board of Trade  
February 1950

Date	Future				All futures
	May	July	September	December	
1950 February	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	1,114	534	223	10	1,881
2	3,695	1,603	616	50	5,964
3	2,293	1,126	411	32	3,862
4	1,283	668	183	22	2,156
Sunday					
6	2,599	1,416	302	36	4,353
7	1,470	925	411	36	2,842
8	1,309	550	296	10	2,165
9	1,140	587	404	25	2,156
10	1,677	774	210	45	2,706
11	905	405	145	10	1,465
Sunday					
Holiday					
14	1,099	426	249	10	1,784
15	1,588	447	686	32	2,753
16	839	316	87	1	1,243
17	1,194	194	87	---	1,475
18	767	396	233	6	1,402
Sunday					
20	1,136	406	273	---	1,815
21	943	409	112	---	1,464
Holiday					
23	865	357	247	17	1,486
24	1,161	578	186	5	1,930
25	891	345	96	10	1,342
Sunday					
27	1,114	416	110	35	1,675
28	427	264	104	---	795
<hr/>					
Total					
February 1950	29,509	13,142	5,671	392	48,714
January 1950	30,420	11,337	3,132	56	44,945
February 1949	9,929	210	---	---	10,139





Table 21. RYE: Open contracts, all futures combined, by markets  
February 1950

Date	: Chicago : Board of : Trade	: Minneapolis : Grain : Exchange	: Other : contract : markets	: : :	Total
1950 February	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels
1	21,999	1,187	68		23,254
2	22,136	1,154	63		23,353
3	22,287	1,160	69		23,516
4	22,286	1,170	65		23,521
Sunday					
6	22,215	1,165	70		23,450
7	22,433	1,182	71		23,686
8	22,440	1,177	76		23,693
9	22,607	1,185	76		23,868
10	22,343	1,191	66		23,600
11	22,230	1,198	66		23,494
Sunday					
Holiday					
14	21,934	1,208	66		23,208
15	22,335	1,195	66		23,596
16	22,135	1,190	68		23,393
17	22,084	1,191	68		23,343
18	21,953	1,193	68		23,214
Sunday					
20	21,941	1,200	68		23,209
21	21,986	1,189	57		23,232
Holiday					
23	21,933	1,217	57		23,207
24	22,080	1,220	59		23,359
25	22,084	1,217	61		23,362
Sunday					
27	22,111	1,199	61		23,371
28	22,237	1,194	60		23,491





Table 22. RYE: Open contracts, Chicago Board of Trade  
February 1950

Date	Future				All futures
	May	July	September	December	
1950 February	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1	16,894	3,680	1,399	26	21,999
2	16,677	3,881	1,537	41	22,136
3	16,673	4,026	1,530	58	22,287
4	16,637	4,053	1,516	80	22,286
Sunday					
6	16,493	4,077	1,546	99	22,215
7	16,710	4,186	1,412	125	22,433
8	16,666	4,246	1,393	135	22,440
9	16,773	4,250	1,444	140	22,607
10	16,518	4,217	1,458	150	22,343
11	16,330	4,242	1,503	155	22,230
Sunday Holiday					
14	16,156	4,144	1,469	165	21,934
15	16,243	4,157	1,765	170	22,335
16	16,015	4,157	1,792	171	22,135
17	16,027	4,094	1,792	171	22,084
18	15,971	4,008	1,799	175	21,953
Sunday					
20	16,045	3,967	1,734	175	21,941
21	16,018	4,008	1,785	175	21,986
Holiday					
23	15,968	4,008	1,779	178	21,933
24	15,949	4,149	1,799	183	22,080
25	15,900	4,209	1,782	193	22,084
Sunday					
27	15,873	4,271	1,769	198	22,111
28	15,869	4,357	1,793	198	22,237

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Table 23. RYE: Daily closing prices at Chicago, Minneapolis and Winnipeg  
February 1950

| Date             | 1950 May future |                |                |
|------------------|-----------------|----------------|----------------|
|                  | Chicago         | Minneapolis    | Winnipeg       |
|                  | Board of Trade  | Grain Exchange | Grain Exchange |
| 1950<br>February | Cents           | Cents          | Cents 1/       |
| 1                | 132 1/8-1/4     | 132 1/8 a      | 129 3/8 b      |
| 2                | 128-28 1/4      | 128 3/4        | 126 1/2        |
| 3                | 129 1/4-1/2     | 129 3/8 b      | 127 1/8        |
| 4                | 127 1/2-3/4     | 127 1/2 a      | ---            |
| Sunday           |                 |                |                |
| 6                | 128             | 128 b          | 126 1/4        |
| 7                | 127-27 1/4      | 127 5/8 a      | 125 3/4 b      |
| 8                | 127 1/2         | 127 1/2 a      | 126 3/8 b      |
| 9                | 128 3/4-29      | 129 3/8 b      | 127 1/8        |
| 10               | 130-30 1/4      | 130 3/4 a      | 129 3/8        |
| 11               | 129 3/4         | 130 1/4 b      | ---            |
| Sunday           |                 |                |                |
| Holiday          |                 |                |                |
| 14               | 132-32 1/4      | 132 5/8 b      | 130 1/4        |
| 15               | 131 3/4-32      | 132 3/4 a      | 130 3/4        |
| 16               | 131 3/4-32      | 132 3/4 b      | 130 3/8 b      |
| 17               | 132 1/4-1/2     | 133 3/8 b      | 131 1/8        |
| 18               | 132 1/4         | 133 3/8 b      | ---            |
| Sunday           |                 |                |                |
| 20               | 131-31 1/4      | 131 1/4        | 130 1/8        |
| 21               | 130-30 1/4      | 131            | 129 1/4 b      |
| Holiday          |                 |                |                |
| 23               | 131 1/4-1/2     | 132 1/4 b      | 131 3/4        |
| 24               | 129 1/4-1/2     | 129 3/4 a      | 129 1/2        |
| 25               | 130 5/8-3/4     | 130 1/4 a      | ---            |
| Sunday           |                 |                |                |
| 27               | 129 1/2-5/8     | 130            | 130 3/8 b      |
| 28               | 129 1/2-3/4     | 131 a          | 129 1/4        |

1/ Quotations converted to U. S. Currency.

NOTE: Exchange rate not available on Saturdays or on February 13 and 22, Chicago banks closed.



Table 24. High, low and closing prices, three principal futures, Chicago Board of Trade, February 1950

| Date     | 1950 May future |         |             | 1950 July future |         |             | 1950 September future |         |             |
|----------|-----------------|---------|-------------|------------------|---------|-------------|-----------------------|---------|-------------|
|          | High            | Low     | Closing     | High             | Low     | Closing     | High                  | Low     | Closing     |
| 1950     |                 |         |             |                  |         |             |                       |         |             |
| February |                 |         |             |                  |         |             |                       |         |             |
| 1        | :134            | 132     | 132 1/8-1/4 | :135 1/2         | 133 1/2 | 133 1/2     | :136 1/2              | 134 1/2 | 134 1/2-3/4 |
| 2        | :133            | 128     | 128-23 1/4  | :134 1/8         | 129 1/4 | 129 3/4     | :135 1/2              | 130 1/4 | 131 1/4     |
| 3        | :129 1/2        | 127 1/4 | 129 1/4-1/2 | :130 3/4         | 128 1/2 | 130 1/2-3/4 | :132 1/4              | 130     | 132-32 1/4  |
| 4        | :130            | 127 1/2 | 127 1/2-3/4 | :131             | 129     | 129-29 1/4  | :132 1/4              | 130 1/4 | 130 3/4     |
| Sunday   |                 |         |             |                  |         |             |                       |         |             |
| 6        | :128 1/2        | 125 3/8 | 128         | :130 1/4         | 126 3/4 | 129 1/2-3/4 | :132                  | 128 1/4 | 131 3/4     |
| 7        | :128 1/2        | 127     | 127-27 1/4  | :130 1/4         | 128 3/4 | 128 3/4     | :132                  | 130 1/4 | 130 3/4 b   |
| 8        | :128 1/2        | 126 1/2 | 127 1/2     | :129 3/4         | 128     | 129 1/4     | :131 1/2              | 130     | 130 3/4     |
| 9        | :129            | 127 1/4 | 128 3/4-29  | :130 3/4         | 129     | 130 1/2     | :132 1/4              | 130 1/2 | 132 1/4     |
| 10       | :130 3/4        | 128 1/2 | 130-30 1/4  | :132 1/2         | 130 1/4 | 131 1/2     | :134                  | 132 1/2 | 133 3/4     |
| 11       | :130 1/2        | 129 1/2 | 129 3/4     | :132             | 131 1/4 | 131 1/4     | :134 1/4              | 133     | 133 1/4     |
| Sunday   |                 |         |             |                  |         |             |                       |         |             |
| Holiday  |                 |         |             |                  |         |             |                       |         |             |
| 14       | :132 1/4        | 129 1/2 | 132-32 1/4  | :133 1/2         | 131     | 133 1/2     | :136                  | 133 1/4 | 135 3/4     |
| 15       | :132 1/2        | 130 1/2 | 131 3/4-32  | :134             | 132 1/4 | 133 1/2     | :136                  | 134     | 135 1/4     |
| 16       | :133 1/4        | 131 1/2 | 131 3/4-32  | :134 3/4         | 133     | 133 1/2-3/4 | :136 1/2              | 135     | 135 1/4     |
| 17       | :132 1/2        | 131 1/2 | 132 1/4-1/2 | :134 1/4         | 133 1/4 | 134-3/4 1/4 | :135 3/4 b            | 135     | 135 3/4 b   |
| 18       | :133 5/8        | 132 1/4 | 132 1/4     | :135 1/4         | 134     | 134-3/4 1/4 | :136 3/4              | 135 1/2 | 136         |
| Sunday   |                 |         |             |                  |         |             |                       |         |             |
| 20       | :132 1/4        | 131     | 131-31 1/4  | :134 1/4         | 132 1/2 | 132 1/2     | :135 1/2              | 134 1/2 | 134 1/2     |
| 21       | :131 1/4        | 130     | 130-30 1/4  | :132 1/2         | 131 1/4 | 131 3/4     | :134 1/4              | 133 1/4 | 133 1/2     |
| Holiday  |                 |         |             |                  |         |             |                       |         |             |
| 23       | :132 1/2        | 130 1/2 | 131 1/4-1/2 | :134 1/4         | 132 3/8 | 133-33 1/4  | :136 1/4              | 134 5/8 | 135 1/4     |
| 24       | :132 1/4        | 129     | 129 1/4-1/2 | :134             | 130 1/2 | 131 1/4     | :135 3/4 b            | 132 1/2 | 133 1/2-3/4 |
| 25       | :131 1/8        | 129 3/8 | 130 5/8-3/4 | :133             | 131 3/8 | 132 3/4     | :135                  | 133 1/2 | 135         |
| Sunday   |                 |         |             |                  |         |             |                       |         |             |
| 27       | :131            | 129 1/4 | 129 1/2-5/8 | :133             | 131     | 131 3/4     | :135                  | 133 1/4 | 134         |
| 28       | :130 5/8        | 129 1/2 | 129 1/2-3/4 | :132 5/8         | 131 1/2 | 131 3/4-32  | :135                  | 133 1/2 | 134 1/4     |







Table 25. SOYBEANS: Volume of trading, Chicago Board of Trade  
February 1950

| Date             | Future           |                  |                  |                  |                  | All<br>futures   |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                  | March            | May              | July             | November         | January          |                  |
| 1950<br>February | 1,000<br>bushels | 1,000<br>bushels | 1,000<br>bushels | 1,000<br>bushels | 1,000<br>bushels | 1,000<br>bushels |
| 1                | 4,217            | 3,608            | 935              | 636              |                  | 9,396            |
| 2                | 8,220            | 6,710            | 3,221            | 1,127            |                  | 19,278           |
| 3                | 4,632            | 4,636            | 1,449            | 824              |                  | 11,541           |
| 4                | 1,666            | 2,797            | 619              | 484              |                  | 5,566            |
| Sunday           |                  |                  |                  |                  |                  |                  |
| 6                | 5,004            | 5,055            | 1,325            | 757              | 50               | 12,191           |
| 7                | 3,910            | 4,024            | 2,195            | 666              | 195              | 10,990           |
| 8                | 3,066            | 3,264            | 1,020            | 343              | ---              | 7,693            |
| 9                | 3,512            | 4,097            | 2,076            | 610              | ---              | 10,295           |
| 10               | 1,989            | 2,676            | 1,426            | 244              | ---              | 6,335            |
| 11               | 966              | 1,897            | 769              | 215              | ---              | 3,847            |
| Sunday           |                  |                  |                  |                  |                  |                  |
| Holiday          |                  |                  |                  |                  |                  |                  |
| 14               | 3,432            | 6,239            | 2,213            | 451              | ---              | 12,335           |
| 15               | 2,475            | 3,621            | 1,372            | 364              | ---              | 7,832            |
| 16               | 1,589            | 3,470            | 1,430            | 231              | ---              | 6,720            |
| 17               | 2,377            | 4,038            | 1,378            | 240              | ---              | 8,033            |
| 18               | 3,613            | 3,497            | 1,664            | 486              | 15               | 9,275            |
| Sunday           |                  |                  |                  |                  |                  |                  |
| 20               | 2,658            | 3,240            | 1,239            | 211              | ---              | 7,348            |
| 21               | 2,607            | 3,633            | 1,214            | 351              | 21               | 7,826            |
| Holiday          |                  |                  |                  |                  |                  |                  |
| 23               | 5,313            | 5,076            | 2,499            | 805              | ---              | 13,693           |
| 24               | 3,952            | 4,765            | 2,915            | 535              | 86               | 12,253           |
| 25               | 2,849            | 4,138            | 2,134            | 1,959            | 101              | 11,181           |
| Sunday           |                  |                  |                  |                  |                  |                  |
| 27               | 3,395            | 5,232            | 2,468            | 617              | 10               | 11,742           |
| 28               | 3,930            | 4,108            | 1,857            | 357              | ---              | 10,252           |
| <hr/>            |                  |                  |                  |                  |                  |                  |
| Total            |                  |                  |                  |                  |                  |                  |
| February 1950    | 75,372           | 89,821           | 37,438           | 12,513           | 478              | 215,622          |
| January 1950     | 94,685           | 92,586           | 30,957           | 7,766            | ---              | 225,994          |
| February 1949    | 128,080          | 87,131           | 16,848           | ---              | ---              | 232,059          |

NOTE: Trading in Soybeans on the Chicago Board of Trade during February 1950, amounted to approximately 97 percent of all trading in this commodity.

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Table 26. SOYBEANS: Open contracts, Chicago Board of Trade  
February 1950

| Date     | Future  |         |         |          |         | All<br>futures |
|----------|---------|---------|---------|----------|---------|----------------|
|          | March   | May     | July    | November | January |                |
| 1950     | 1,000   | 1,000   | 1,000   | 1,000    | 1,000   | 1,000          |
| February | bushels | bushels | bushels | bushels  | bushels | bushels        |
| 1        | 21,652  | 22,940  | 20,137  | 2,753    |         | 67,482         |
| 2        | 20,867  | 23,267  | 20,202  | 2,794    |         | 67,130         |
| 3        | 20,483  | 23,499  | 20,110  | 2,895    |         | 66,987         |
| 4        | 20,420  | 23,652  | 20,150  | 2,923    |         | 67,145         |
| Sunday   |         |         |         |          |         |                |
| 6        | 19,885  | 23,727  | 20,191  | 3,019    | 50      | 66,872         |
| 7        | 19,273  | 23,612  | 20,295  | 3,209    | 210     | 66,599         |
| 8        | 19,057  | 23,719  | 20,142  | 3,264    | 210     | 66,392         |
| 9        | 18,012  | 24,023  | 20,092  | 3,671    | 210     | 66,008         |
| 10       | 17,859  | 24,098  | 20,129  | 3,651    | 210     | 65,947         |
| 11       | 17,735  | 24,481  | 20,267  | 3,655    | 210     | 66,348         |
| Sunday   |         |         |         |          |         |                |
| Holiday  |         |         |         |          |         |                |
| 14       | 17,373  | 24,616  | 20,041  | 3,690    | 210     | 65,930         |
| 15       | 16,912  | 24,430  | 20,042  | 3,781    | 210     | 65,375         |
| 16       | 16,747  | 24,650  | 20,055  | 3,851    | 210     | 65,513         |
| 17       | 16,769  | 24,526  | 20,198  | 3,918    | 210     | 65,621         |
| 18       | 16,496  | 24,580  | 20,127  | 4,086    | 220     | 65,509         |
| Sunday   |         |         |         |          |         |                |
| 20       | 16,235  | 24,965  | 20,329  | 4,165    | 220     | 65,914         |
| 21       | 15,916  | 25,250  | 20,419  | 4,241    | 227     | 66,053         |
| Holiday  |         |         |         |          |         |                |
| 23       | 14,949  | 24,955  | 20,142  | 4,266    | 227     | 64,539         |
| 24       | 14,493  | 24,869  | 19,941  | 4,319    | 297     | 63,919         |
| 25       | 14,217  | 24,769  | 19,988  | 4,938    | 398     | 64,310         |
| Sunday   |         |         |         |          |         |                |
| 27       | 13,659  | 24,799  | 19,985  | 5,058    | 393     | 63,894         |
| 28       | 12,796  | 24,690  | 20,081  | 5,089    | 393     | 63,049         |

NOTE: Open contracts in Soybeans on the Chicago Board of Trade during the month of February 1950, accounted for over 99 percent of all futures contracts outstanding in this commodity.



Table 27. SOYBEANS: High, low and closing prices, three principal futures, Chicago Board of Trade, February 1950

| Date     | 1950 March future |         |             | 1950 May future |         |             | 1950 July future |         |             |
|----------|-------------------|---------|-------------|-----------------|---------|-------------|------------------|---------|-------------|
|          | High              | Low     | Closing     | High            | Low     | Closing     | High             | Low     | Closing     |
| 1950     |                   |         |             |                 |         |             |                  |         |             |
| February |                   |         |             |                 |         |             |                  |         |             |
| 1        | 232 1/2           | 230 1/2 | 230 3/4     | 229 3/4         | 228     | 228 1/4     | 223 7/8          | 222 1/4 | 222 1/4-1/2 |
| 2        | 230 1/4           | 227     | 228-28 1/4  | 228             | 224 7/8 | 226 1/4-1/2 | 222 3/4          | 219 1/4 | 220 1/2-3/4 |
| 3        | 229 1/2           | 227 1/4 | 229 1/4-1/2 | 227 3/4         | 225 1/2 | 227 1/2-3/4 | 222              | 220     | 221 3/4-22  |
| 4        | 229 3/8           | 228 1/2 | 228 1/2-3/4 | 227 3/4         | 226 1/4 | 226 1/2     | 222              | 220 3/4 | 220 3/4     |
| Sunday   |                   |         |             |                 |         |             |                  |         |             |
| 6        | 230 1/2           | 227     | 230 1/4-1/2 | 228 1/4         | 224 3/4 | 227 3/4     | 222 3/4          | 219 3/8 | 222 1/4-1/2 |
| 7        | 230 1/2           | 228 3/4 | 228 3/4-29  | 228 1/4         | 227     | 227-27 1/4  | 223 1/2          | 222 1/4 | 222 1/4-1/2 |
| 8        | 230 3/8           | 228 1/2 | 230 1/4-3/8 | 228 1/2         | 226 3/4 | 228-28 1/8  | 224              | 222 1/8 | 223 1/2-3/4 |
| 9        | 231 1/4           | 229 3/4 | 231-31 1/4  | 229 1/2         | 227 3/4 | 229 1/4-1/2 | 225              | 223 1/4 | 224 1/2-25  |
| 10       | 231 3/4           | 230 3/4 | 231 1/2-3/4 | 229 3/4         | 229     | 229 1/2-3/4 | 225 1/2          | 224 1/2 | 225         |
| 11       | 231 3/4           | 231     | 231 3/4     | 229 7/8         | 229     | 229 3/4-7/8 | 225              | 224 1/4 | 224 3/4-7/8 |
| Sunday   |                   |         |             |                 |         |             |                  |         |             |
| Holiday  |                   |         |             |                 |         |             |                  |         |             |
| 14       | 234 1/4           | 231 3/4 | 234-34 1/4  | 232 3/4         | 229 7/8 | 232 3/4     | 228              | 225     | 227 3/4-28  |
| 15       | 234 1/2           | 233     | 234-34 1/4  | 233             | 231 1/2 | 232 1/4-5/8 | 228 1/4          | 226 1/2 | 227 3/4     |
| 16       | 234 3/4           | 233 1/4 | 233 3/4-34  | 233             | 231 3/4 | 231 3/4-32  | 228              | 226 3/4 | 227-27 1/4  |
| 17       | 236               | 233 1/2 | 235 3/4-36  | 233 3/4         | 231 5/8 | 233 3/8-3/4 | 228 1/4          | 227     | 228-28 1/4  |
| 18       | 238 1/2           | 236 1/4 | 237 1/2-3/4 | 235 1/2         | 233 1/2 | 234 1/2-3/4 | 229 3/4          | 228 1/4 | 229-29 1/4  |
| Sunday   |                   |         |             |                 |         |             |                  |         |             |
| 20       | 238 3/4           | 237     | 238-38 1/4  | 234 7/8         | 233 3/4 | 234 1/4-1/2 | 229 1/4          | 228 1/4 | 228 3/4-29  |
| 21       | 238 1/2           | 237     | 238-38 1/8  | 234 1/4         | 233 1/4 | 233 3/4-3/4 | 228 1/4          | 227 1/4 | 227 3/4-28  |
| Holiday  |                   |         |             |                 |         |             |                  |         |             |
| 23       | 242 1/4           | 238 1/4 | 241 1/2-3/4 | 237 1/2         | 234 1/4 | 236 3/4-37  | 231 1/2          | 228     | 231 1/4-1/2 |
| 24       | 241 3/4           | 239     | 239 1/2-3/4 | 237 1/4         | 235 1/4 | 235 3/4     | 231 1/2          | 229     | 230-30 1/4  |
| 25       | 242 1/2           | 239 3/4 | 242-42 1/4  | 238 3/4         | 235 3/4 | 238 1/4     | 233              | 230     | 232 3/4-33  |
| Sunday   |                   |         |             |                 |         |             |                  |         |             |
| 27       | 242 7/8           | 240 3/4 | 241-41 1/4  | 239 1/4         | 237 1/4 | 237 3/4-38  | 233 1/2          | 231 3/4 | 232 3/4-33  |
| 28       | 240 3/4           | 239     | 239-39 1/4  | 237 3/4         | 236 1/2 | 236 3/4-37  | 232 3/4          | 231 1/2 | 231 3/4     |



|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    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    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     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185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1041 | 1042 | 1043 | 1044 | 1045 | 1046 | 1047 | 1048 | 1049 | 1050 | 1051 | 1052 | 1053 | 1054 | 1055 | 1056 | 1057 | 1058 | 1059 | 1060 | 1061 | 1062 | 1063 | 1064 | 1065 | 1066 | 1067 | 1068 | 1069 | 1070 | 1071 | 1072 | 1073 | 1074 | 1075 | 1076 | 1077 | 1078 | 1079 | 1080 | 1081 | 1082 | 1083 | 1084 | 1085 | 1086 | 1087 | 1088 | 1089 | 1090 | 1091 | 1092 | 1093 | 1094 | 1095 | 1096 | 1097 | 1098 | 1099 | 1100 | 1101 | 1102 | 1103 | 1104 | 1105 | 1106 | 1107 | 1108 | 1109 | 1110 | 1111 | 1112 | 1113 | 1114 | 1115 | 1116 | 1117 | 1118 | 1119 | 1120 | 1121 | 1122 | 1123 | 1124 | 1125 | 1126 | 1127 | 1128 | 1129 | 1130 | 1131 | 1132 | 1133 | 1134 | 1135 | 1136 | 1137 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 | 1145 | 1146 | 1147 | 1148 | 1149 | 1150 | 1151 | 1152 | 1153 | 1154 | 1155 | 1156 | 1157 | 1158 | 1159 | 1160 | 1161 | 1162 | 1163 | 1164 | 1165 | 1166 | 1167 | 1168 | 1169 | 1170 | 1171 | 1172 | 1173 | 1174 | 1175 | 1176 | 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 | 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 1192 | 1193 | 1194 | 1195 | 1196 | 1197 | 1198 | 1199 | 1200 | 1201 | 1202 | 1203 | 1204 | 1205 | 1206 | 1207 | 1208 | 1209 | 1210 | 1211 | 1212 | 1213 | 1214 | 1215 | 1216 | 1217 | 1218 | 1219 | 1220 | 1221 | 1222 | 1223 | 1224 | 1225 | 1226 | 1227 | 1228 | 1229 | 1230 | 1231 | 1232 | 1233 | 1234 | 1235 | 1236 | 1237 | 1238 | 1239 | 1240 | 1241 | 1242 | 1243 | 1244 | 1245 | 1246 | 1247 | 1248 | 1249 | 1250 | 1251 | 1252 | 1253 | 1254 | 1255 | 1256 | 1257 | 1258 | 1259 | 1260 | 1261 | 1262 | 1263 | 1264 | 1265 | 1266 | 1267 | 1268 | 1269 | 1270 | 1271 | 1272 | 1273 | 1274 | 1275 | 1276 | 1277 | 1278 | 1279 | 1280 | 1281 | 1282 | 1283 | 1284 | 1285 | 1286 | 1287 | 1288 | 1289 | 1290 | 1291 | 1292 | 1293 | 1294 | 1295 | 1296 | 1297 | 1298 | 1299 | 1300 | 1301 | 1302 | 1303 | 1304 | 1305 | 1306 | 1307 | 1308 | 1309 | 1310 | 1311 | 1312 | 1313 | 1314 | 1315 | 1316 | 1317 | 1318 | 1319 | 1320 | 1321 | 1322 | 1323 | 1324 | 1325 | 1326 | 1327 | 1328 | 1329 | 1330 | 1331 | 1332 | 1333 | 1334 | 1335 | 1336 | 1337 | 1338 | 1339 | 1340 | 1341 | 1342 | 1343 | 1344 | 1345 | 1346 | 1347 | 1348 | 1349 | 1350 | 1351 | 1352 | 1353 | 1354 | 1355 | 1356 | 1357 | 1358 | 1359 | 1360 | 1361 | 1362 | 1363 | 1364 | 1365 | 1366 | 1367 | 1368 | 1369 | 1370 | 1371 | 1372 | 1373 | 1374 | 1375 | 1376 | 1377 | 1378 | 1379 | 1380 | 1381 | 1382 | 1383 | 1384 | 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | 1391 | 1392 | 1393 | 1394 | 1395 | 1396 | 1397 | 1398 | 1399 | 1400 | 1401 | 1402 | 1403 | 1404 | 1405 | 1406 | 1407 | 1408 | 1409 | 1410 | 1411 | 1412 | 1413 | 1414 | 1415 | 1416 | 1417 | 1418 | 1419 | 1420 | 1421 | 1422 | 1423 | 1424 | 1425 | 1426 | 1427 | 1428 | 1429 | 1430 | 1431 | 1432 | 1433 | 1434 | 1435 | 1436 | 1437 | 1438 | 1439 | 1440 | 1441 | 1442 | 1443 | 1444 | 1445 | 1446 | 1447 | 1448 | 1449 | 1450 | 1451 | 1452 | 1453 | 1454 | 1455 | 1456 | 1457 | 1458 | 1459 | 1460 | 1461 | 1462 | 1463 | 1464 | 1465 | 1466 | 1467 | 1468 | 1469 | 1470 | 1471 | 1472 | 1473 | 1474 | 1475 | 1476 | 1477 | 1478 | 1479 | 1480 | 1481 | 1482 | 1483 | 1484 | 1485 | 1486 | 1487 | 1488 | 1489 | 1490 | 1491 | 1492 | 1493 | 1494 | 1495 | 14 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-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United States Department of Agriculture  
COMMODITY EXCHANGE AUTHORITY  
J. M. Mehl, Administrator

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141 West Jackson Boulevard

Kansas City 6, Missouri

L. E. Wolf, In charge  
854 Board of Trade Building

Minneapolis 15, Minnesota

Joseph B. Withers, In charge  
510 Grain Exchange Building

New Orleans 12, Louisiana

W. D. Espy, In charge  
Room 306, New Orleans Cotton  
Exchange Building

New York 4, New York

George H. Baston, In charge  
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Cotton Exchanges, Inc.



1. 1990年12月1日以前，在《民法通则》施行以前，即1986年4月1日以前，发生民事法律行为，适用行为发生时的法律。

1. The first group of people who are not in the labor force are those who are not in the labor force because they are not in the labor force.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

1. The first step in the process is to identify the problem. This involves gathering information about the situation and understanding the needs of the stakeholders involved.

[illegible]

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